

REMARKS

By this amendment, Claims 1-8 have been canceled and Claims 9-64 have been added.
Examination and allowance of Claims 9-64 are respectfully requested.

Respectfully submitted,

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VERSION WITH MARKINGS TO SHOW CHANGES MADE FEBRUARY 28, 2002

In the Specification:

The paragraph on page 40, beginning at line 11 has been amended as follows:

The electro-optic coefficient (picometers/volt, pm/V, at 1.3 microns), r_{33} , as a function of chromophore loading (weight percent) was determined as described above for a corresponding chromophore having a tricyanofuran acceptor [this chromophore] in amorphous polycarbonate. The results are illustrated in FIGURE 18. Referring to FIGURE 18, the greatest electro-optic coefficient (66 pm/V) was measured at 30 weight percent chromophore and electro-optic coefficients of 64 pm/V were achieved for loadings of 28 and 35 weight percent chromophore. Electro-optic coefficients of 47 and 57 pm/V were achieved at 20 and 30 weight percent chromophore, respectively.

Claims 1 - 8 have been cancelled and Claims 9 - 64 have been added.

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